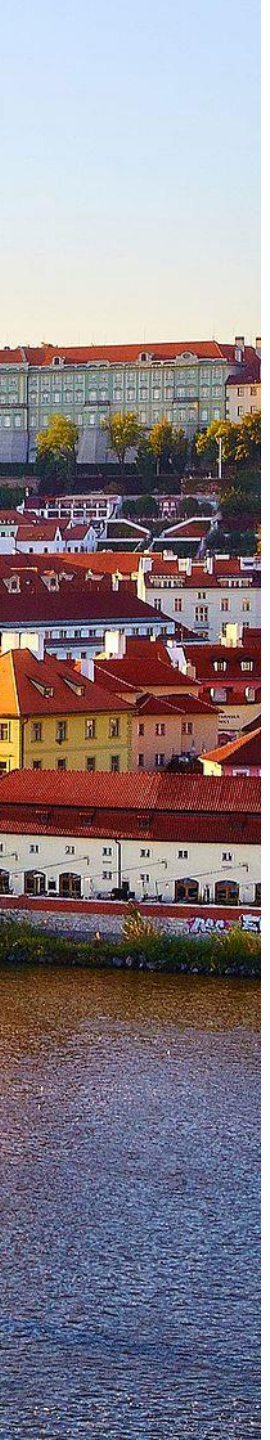




Welcome to Prague

Antonín Fejfar

on behalf of the FZU (Institute of Physics,
Czech Academy of Sciences)





Science in Prague



FZU

Fyzikální ústav
Akademie věd
České republiky



551
STARÉ MĚSTO
PRAHA 1

17
KARLOVA UNIVERZITA
PRAHA

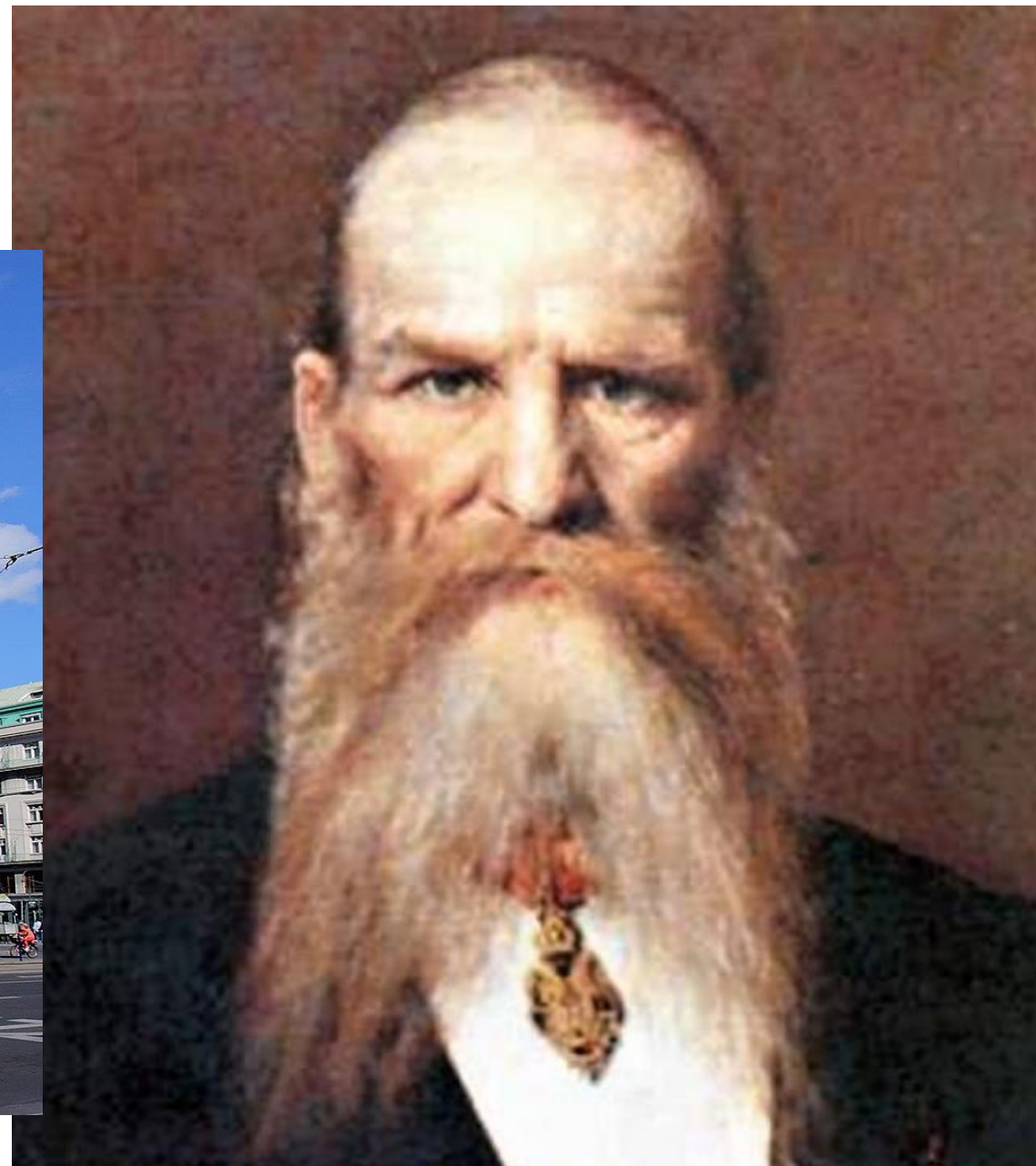
V LETECH 1911 - 1912
PŮSOBIL V TĚTO BUDOVĚ
JAKO UNIV. PROFESOR
ALBERT EINSTEIN
1879 1955



HERE IN THE SALON OF HIS DEAR PRAGUE
ALBERT EINSTEIN, PROFESSOR
AT PRAGUE UNIVERSITY IN 1911 TO 1912,
FOUNDER OF THE THEORY OF RELATIVITY,
DROBE PRÁCE VYKONAL, PRAHE JE MĚSTO
KDE MŮJE PRÁCE, PRÁCE LÉVĚNÍ
MŮJE LÉVĚNÍ PRÁCE PRÁCE.



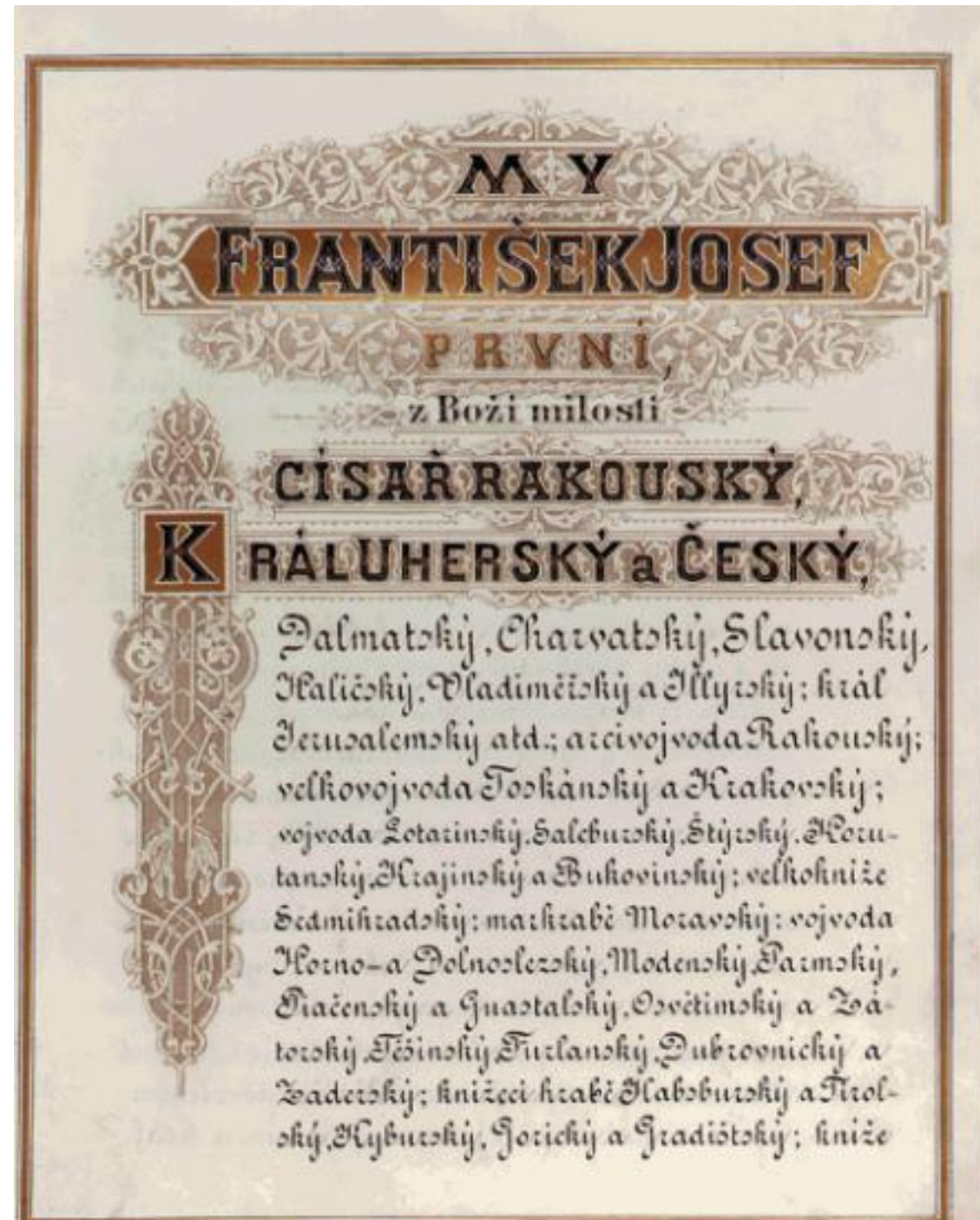
Josef Hlávka



FZU

Fyzikální ústav
Akademie věd
České republiky

1888 Academy of Sciences and Arts



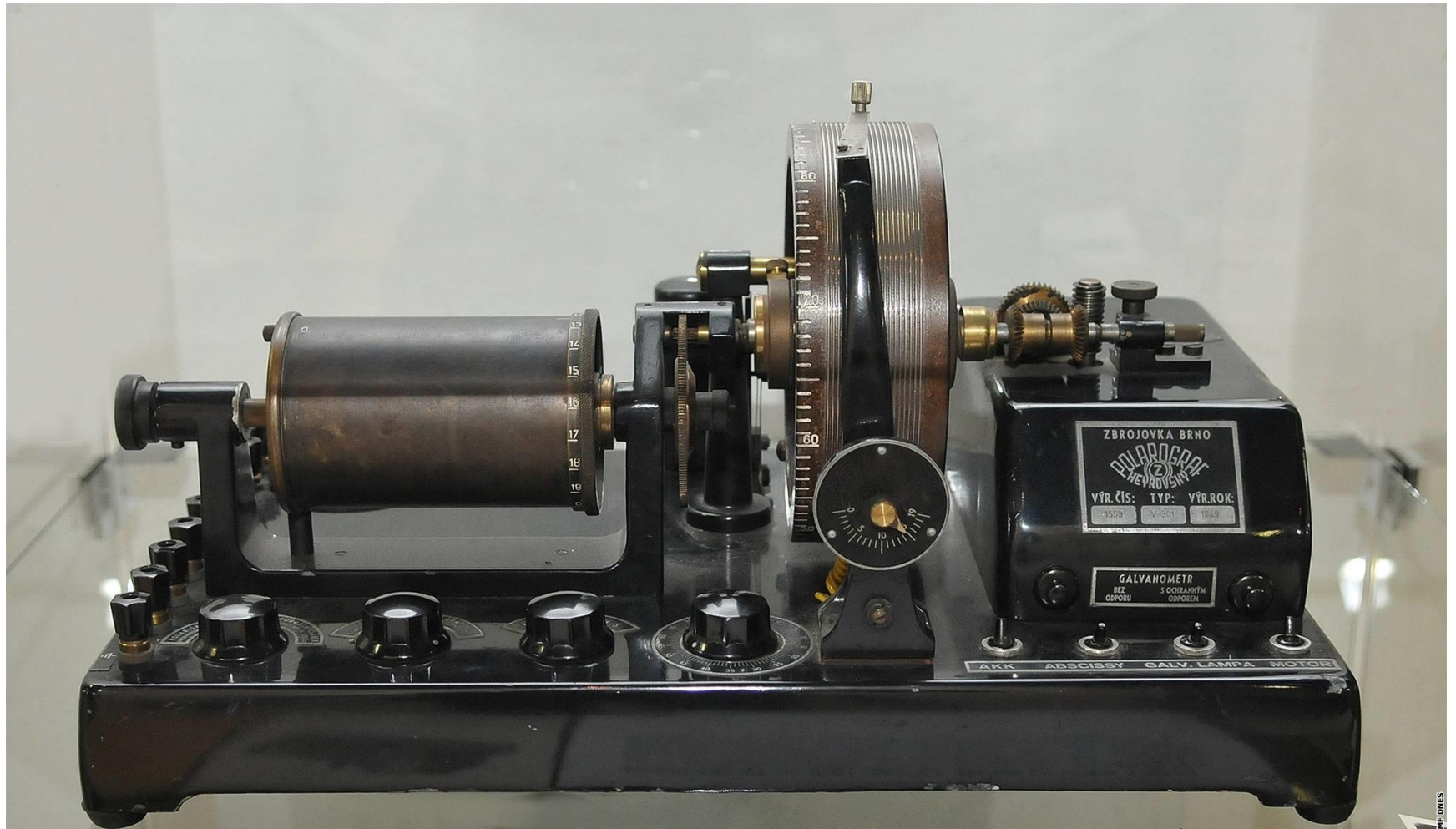
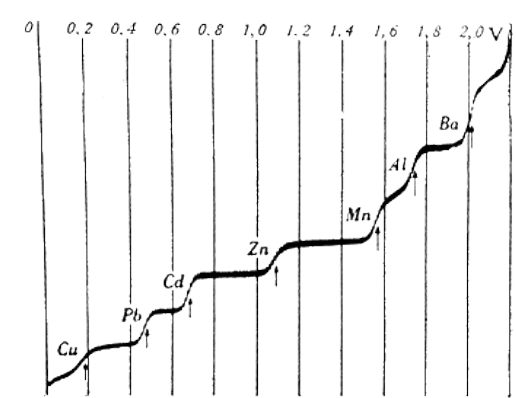
<https://www.avcr.cz/cs/o-nas/historie/zakladaci-listina-ceske-akademie-ved-a-umeni/>

Czech Academy of Sciences

- Largest research body in the Czech Republic
- 54 institutes
- > 10 000 employees
- 15% of researchers in the Czech Republic

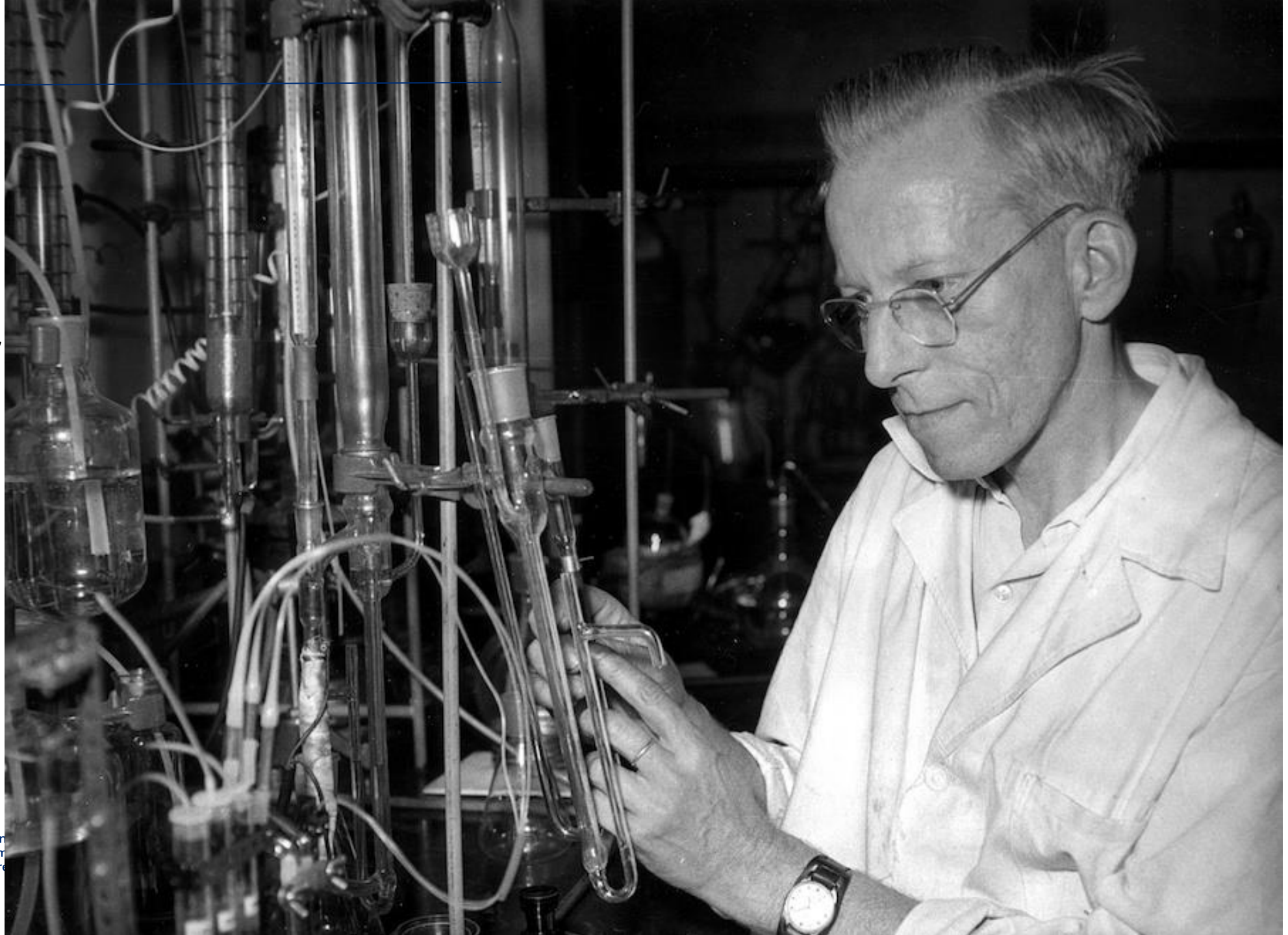


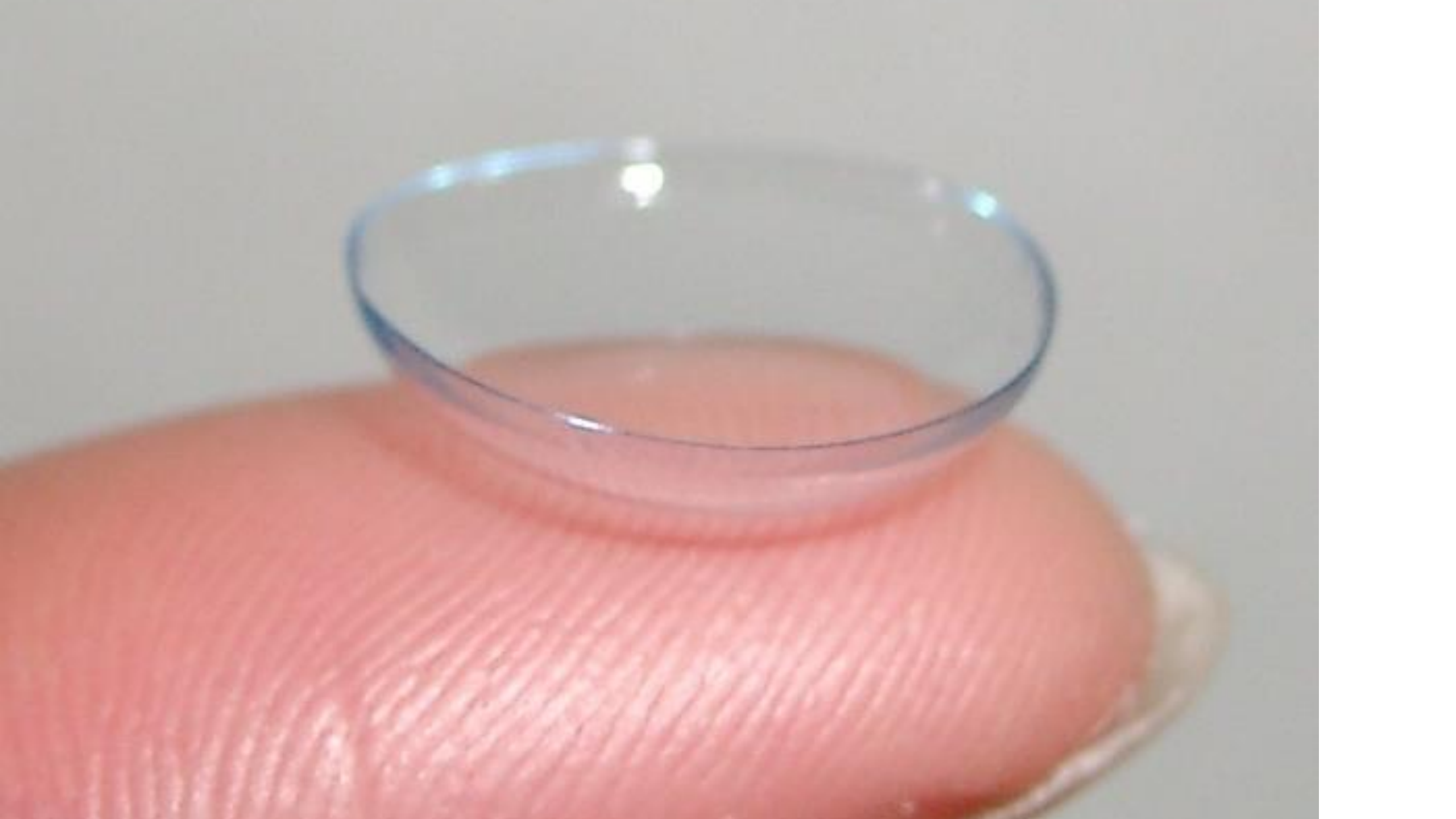
Jaroslav Heyrovský: Polarography



**Prof.
Otto
Wichterle**

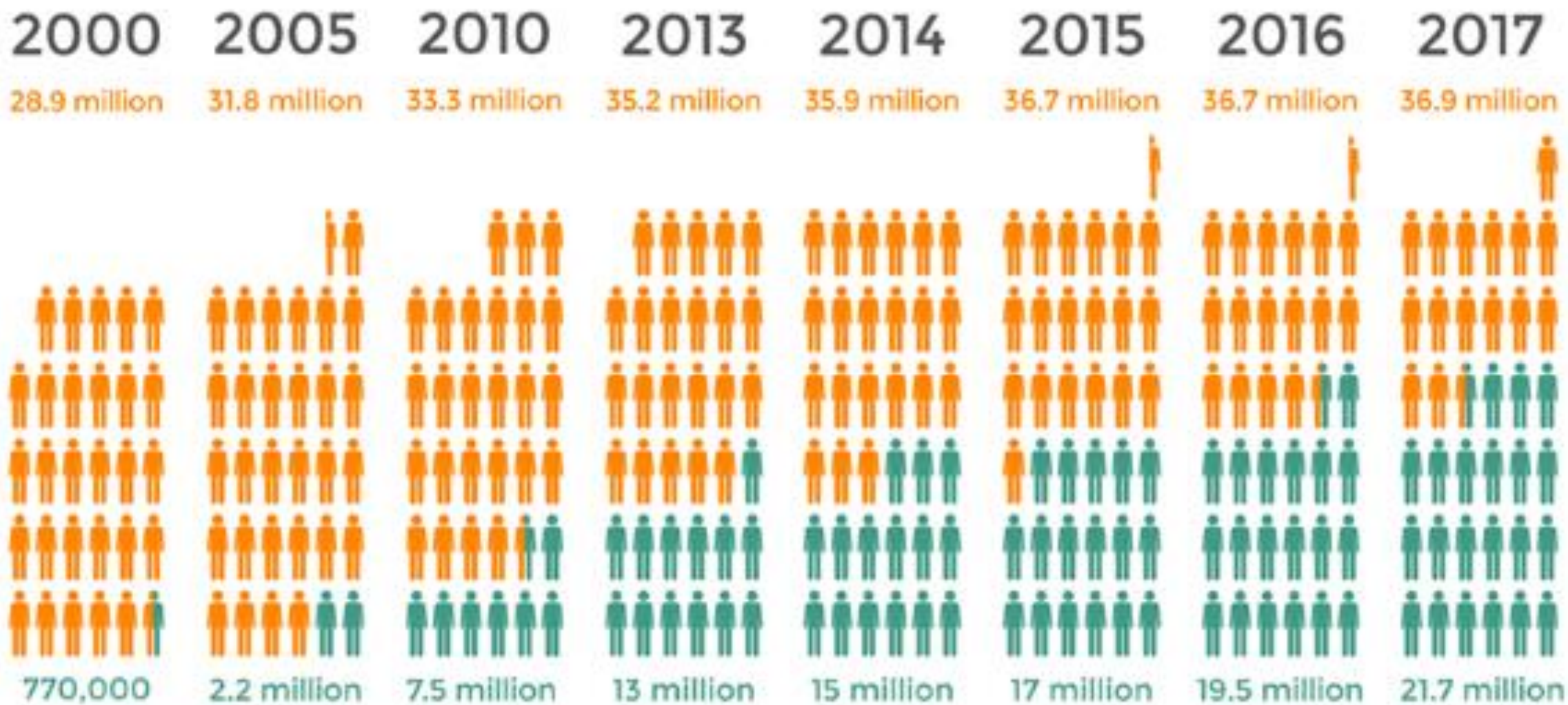
**Institute of
Macromolecular
Chemistry**







Number of people living with HIV and accessing treatment globally



People living with HIV



People receiving treatment

<https://www.avert.org/global-hiv-and-aids-statistics>



The city of Brno is the world capital of electron microscopy

**Institute of Scientific Instruments
with production of three
companies:**

- ThermoFischer Scientific (FEI)
- Tescan
- Delong Instruments



Prof. Armin Delong



FZU

Fyzikální ústav
Akademie věd
České republiky

FZU

Institute of Physics of the Czech Academy of Science

- One out of more than 50 institutes of the Czech Academy of Sciences (CAS)
- The largest institute of CAS
- more than 1/9 of whole CAS (in 2021: 1201 FTE FZU / 10107 FTE CAS)
- Operational budget: 2,3 billion Kč (93 million EUR) in year 2021
- Investment budget: 0,7 billion Kč (28 million EUR) in year 2021



FZU

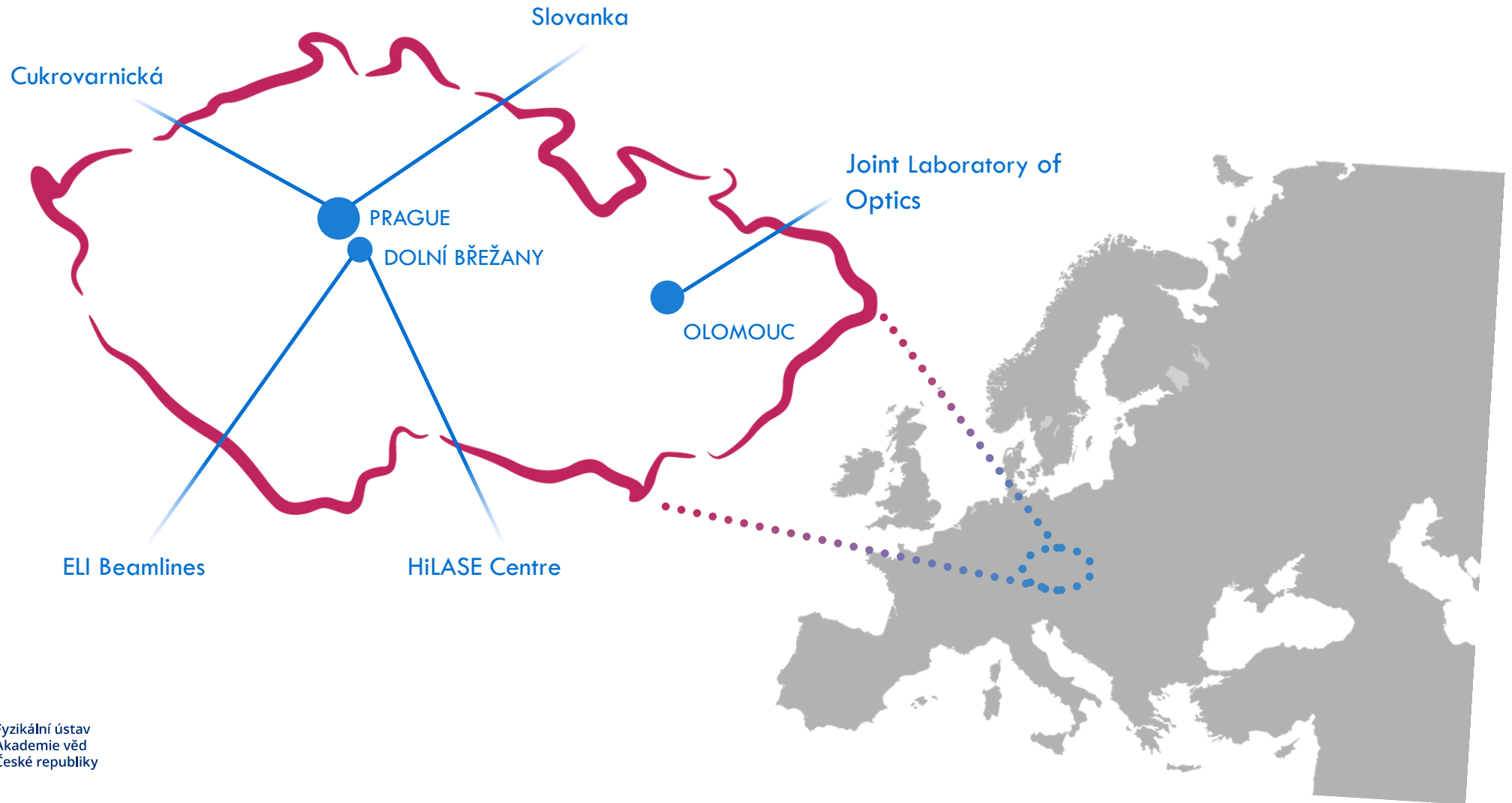
Fyzikální ústav
Akademie věd
České republiky

SOLID21 Pavillion – finished December 2021

- 3800 m² floor space
- 55 laboratories for solid state physics, including clean rooms
- large lecture hall for 250 people



FZU Sites



ELI Beamlines,
Extreme Light Infrastructure
ELI ERIC



FZU

Fyzikální ústav
Akademie věd
České republiky

Extreme Light Infrastructure ERIC

ELI ERIC

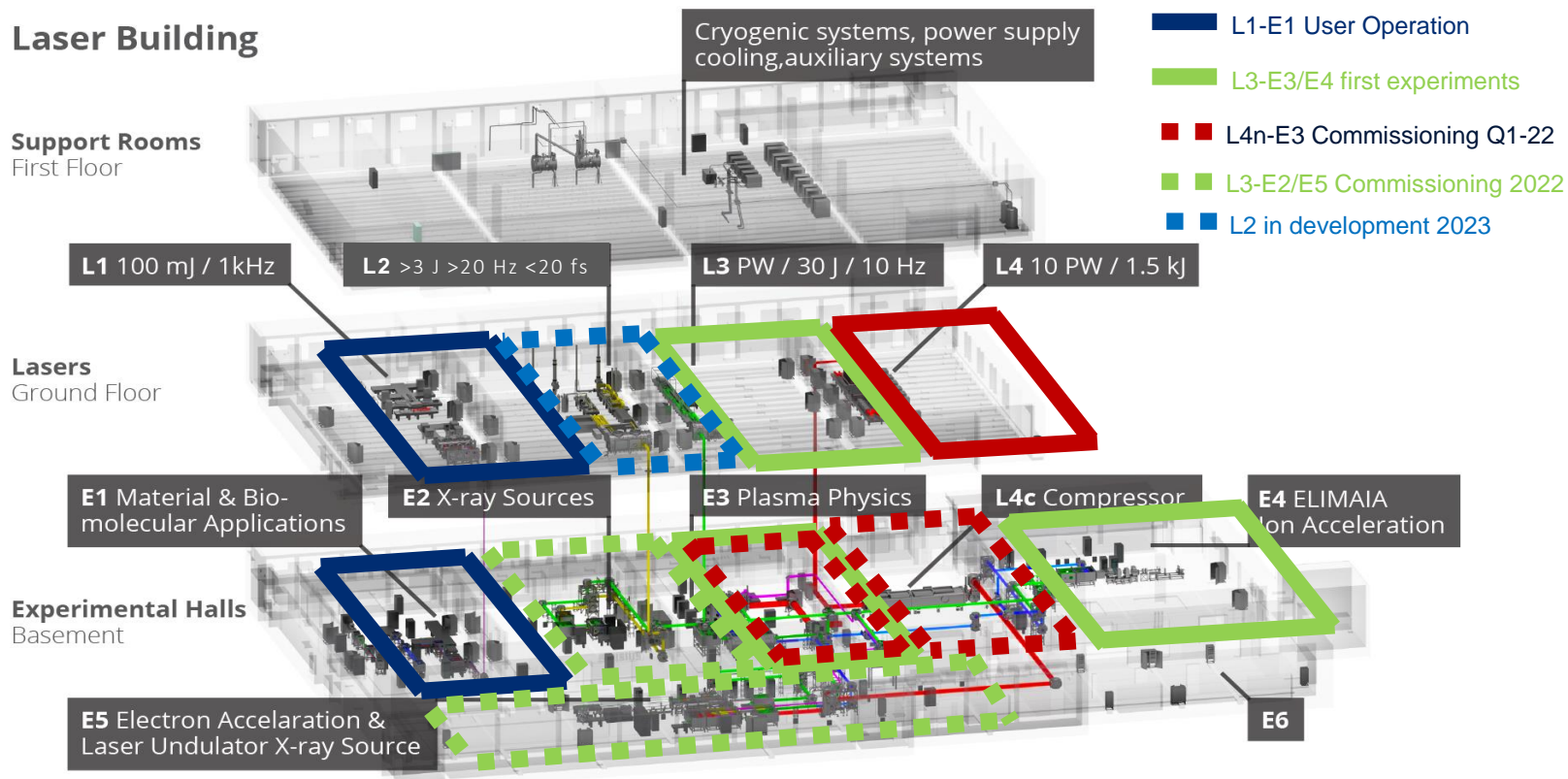
Host Member Countries

Founding Members

Founding Observers



Laser and experiment halls of ELI Beamlines



L1 ALLEGRA



L3 HAPLS



L4 ATON



E1 - MAC, TREX, ELips, SRS, HHG



E3 - Plasma Physics Platform



E4 - ELIMAIA - ELIMED



ELI



Czech Academy of Sciences

- Largest research body in the Czech Republic, connecting the public research institutions
- 54 institutes covering all science fields
- More than 10 000 employees
- 15% of researchers in the Czech Republic, 37% of outputs in international journals



**President of the Czech
Academy of Sciences
prof. Eva Zažímalová**



Thank you for your attention
